EU07055

SO WHITE

- **Fluid yellowish emulsion**
- **Packaging: bottle**

- **Skincare formula**
- **Brightening action thanks to Sepicalm™ VG which has soothing properties**
- **Sepicalm™ VG makes tingling induced by AHA (glycolic acid) decrease**

Formula

A	**LANOL™ 99**	8,00 %
	Triglycerides	5,00 %
	Butylmethoxy Dibenzoylmethane	2,00 %
	Octocrylene	3,00 %
	Octyl Salicylate	5,00 %
	Cetyl Alcohol	1,00 %
	MONTANOV™ 202	2,00 %
	SIMULSOL™ 165	1,00 %
	SEPICIDE™ HB	1,00 %
	Xanthan Gum	0,10 %
B	Aqua/Water	Up to 100,00 %
	Disodium EDTA	0,10 %
	Glycerin	3,00 %
C	**SEPIPLUS™ 400**	1,00 %
D	Glycolic Acid 67%	7,46 %
	Sodium Hydroxide 48%	Up to pH = 4
E	**SEPICALM™ VG**	3,00 %
	Parfum/Fragrance	0,10 %

Procedure

(Pilot – DUMEK – 2 Kg)

Combine ingredients of phase A (except from Xanthan Gum) together and heat up to 80° C. When homogeneous add Xanthan Gum. Combine phase B ingredients altogether and heat up to 80° C. Add the oily phase to the water phase and homogenize. Add Sepiplus 400 while mixing. Weigh the Glycolic Acid in a beaker. Place the beaker in a cold water bath and add the Sodium Hydroxide slowly into the acid until it reaches a pH = 4. Be cautious, this reaction is very exothermic. At 60° C add very slowly the neutralized Glycolic Acid to the main batch while stirring. Below 40 ° C, add Sepicalm VG and the fragrance to the main batch. Mix well.

Characteristics

Appearance	Fluid yellowish emulsion
pH	4
Viscosity at RT	22 200 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month at 45° C	720 mPa.s BROOKFIELD LV2 sp.6
Viscosity recovery at room temp.*(after 1 month 45° C)*	7 000 mPa.s BROOKFIELD LV3 sp.6
Stability	> M1 at RT and 45° C Stable 18h at -18° C >M1 after freeze-thaw cycles -5° C/+40° C stable after 20' centrifugation at 3000 rpm

EU07055A - 0709

Raw materials from SEPPIC

SEPICALM™ VG
Sodium Palmitoyl Glycine and Nymphea Alba Flower Extract
Palmitoylproline and water lily flower extract unite their intrinsic action to reach an unique whitening and soothing effect. Sepicalm™ VG reduces cutaneous pigmentation induced by stress or aging process (in vitro and in vivo proven efficacy): modulation of inflammation mediators and a reduction of genetic expression of tyrosinase (key enzyme of pigmentation).

MONTANOV™ 202
Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside
Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light and evanescent sense of touch, which confers an easy application and a quick penetration. Their matt effect prevents skin from glossy and fatty aspect.

SEPIPLUS™ 400
Polyacrylate-13 & Polyisobutene & Polysorbate 20
New generation of Hydro Swelling Droplets polymers, Sepiplus™ 400 is designed to be more resistant to electrolytes. It is compatible with a wide range of actives at pH 3 to 11. It allows a good pick-up and can be rubbed on easily.

SIMULSOL™ 165
Glyceryl Stearate and PEG-100 Stearate
Simulsol™ 165 is a self emulsifying base. It can be used synergistically with any emulsifier of Montanov™ range in order to make creams smooth and stable.

LANOL™ 99
Isononyl Isononanoate
Texturing agent which is very easy to emulsify. It provides a soft and light texture and easy-to-spread properties.

SEPICIDE™ HB
Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben
Preservative

Other raw materials…

- Butylmethoxy Dibenzoylmethane : **Parsol 1789 (DSM)**
- Octocrylene : **Eusolex OCR (MERCK)**
- Octyl Salicylate : **Eusolex OS (MERCK)**
- Parfum : **Bijou (QUEST)**
- Xanthan Gum : **Keltrol CG-T (KELCO)**